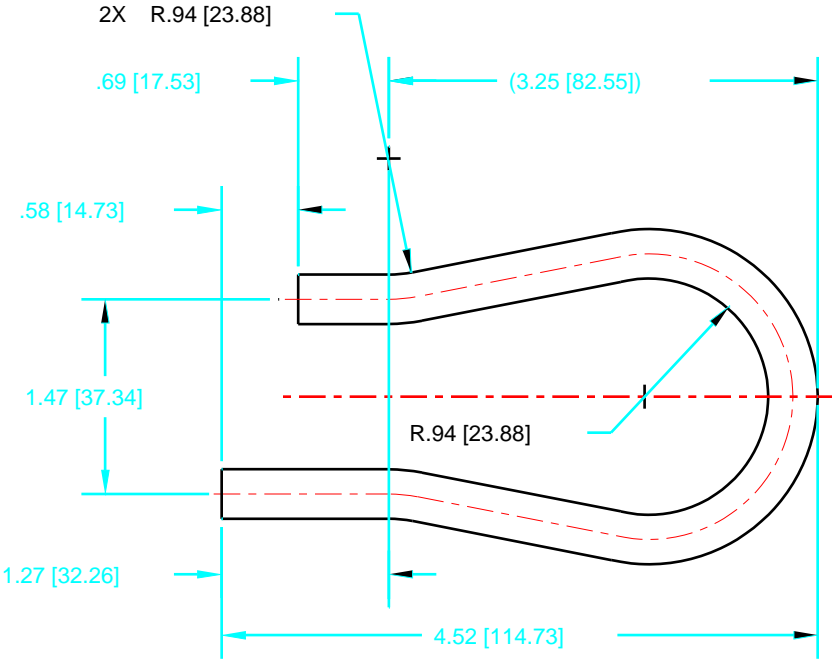


NOTES:

- 1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A212, A269 OR EQUIVALENT. HARDNESS Rb80 OR LESS. TUBING TO BE FREE OF SCRATCHES.
- 2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND ROUND AND WITHOUT SCRATCHES.
- 3. BOTH I.D. AND O.D. OF TUBE MUST BE DEBURRED AFTER CUTTING.
- 4. ALL DIMENSIONS WITH [ ] ARE MILLIMETERS AND FOR REF. ONLY



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC	QTY
PARTS LIST					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .03 [.7620] .XX - .01 [0.25] .XXX - .005 [0.127] SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER <b>A19140</b> THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b> UNIVERSITY OF CHICAGO			
DRAWN BY <b>FUHRMANN</b>		DATE <b>9/21/94</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>10/13/94</b>	TITLE <b>ADVANCED PHOTON SOURCE W4-40 BEAMLINE DUAL WINDOW 8" O.D. (15 X 100 X 2) TUBING</b>
CHECKED BY <b>J. WOTHE</b>		DATE <b>10/12/94</b>	GP LEADER <b>T.M. KUZAY</b>	DATE <b>10/13/94</b>	
DESIGNER <b>D.SHU/FUHRMANN</b>		PROJECT MGR.			
RESPONSIBLE ENGINEER <b>D. SHU</b>		APPROVED/RELEASED <b>10/13/94</b>			
MATERIAL <b>SST 316 .375 O.D. X .035 WALL X 9.40 LG.</b>		SCALE <b>1:1</b>	SIZE <b>B</b>	DRAWING NUMBER <b>P4105090804-400103-00</b>	
DO NOT SCALE DRAWING		SHEET <b>1 of 1</b>			

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			